

Waste Management

Tullytown Landfill Update

August 6, 2015

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A presentation To the Florence Twp. Environmental Commission



May 2015 Operating Permit Renewal

Highlighted New Permit Conditions

- Complete disposal operations by May 22, 2017
- Submit air emissions study plan by Aug. 21, 2015
- Submit landscape plan by Sept. 21, 2015
- Install weather station in Florence Twp., N.J.

Operating Permit Condition Update

- Tullytown Landfill is on-schedule to complete disposal operations on or before *May 22, 2017*.
- Our site team, working with public health specialists, is drafting a landfill air emissions study that will be submitted in accordance with the permit requirement.

Operating Permit Condition Update

- Tullytown team has begun working with site landscape contractors to draft a natural succession plan that will be submitted to PADEP by Sept. 21. Florence Twp. residents are invited to assist with this planning. This plan is intended to naturalize the appearance of our slopes visible from Florence.
- Tullytown team is installing a new weather station at the Florence Yacht Club property. The station will be installed by Aug. 14. The station's data will be accessible through the Internet. We will provide the township with information about accessing the station's data when it is available.

Elements of our enhanced nuisance control and minimization plan

All-season, solar-powered odor neutralizer system



Accelerated gas well construction and operation of additional line sprayer systems



On-site weather station

Station's data is accessible at www.wunderground.com at "Tullytown, PA, Tullytown PA (KPATULLY2)"



Accelerated temporary cap installation



Continued use of additional volumes of cover soil



Tullytown cover soil volumes

- 121,628 tons of soil used for daily cover in first half of 2014
- 172,021 tons of soil used for daily cover in first half of 2015
- Vibrating drum roller used at the end of each day to compact and seal daily cover soil
- Tullytown will continue to use additional soil for cover during the duration of its operation

Interior landfill access haul road



Final cap installation will require the rerouting of truck traffic until project is complete

- This work will result in trucks being visible to Florence until early October.
- Interior landfill access haul road will return to service following completion of capping project.

Fresh water and odor-control product being used for dust and odor control



Tullytown biosolid volumes

- The volume of biosolids placed in Tullytown Landfill was 633 tons per day in early October 2014 (about 11 percent of all waste received).
- Biosolid disposal was reduced through last fall and winter.
- Biosolid disposal ceased in mid-February.
- Tullytown will not accept biosolids for disposal during the duration of its operation.

Construction Projects

- Installation of 14.3 acres of final capping will continue through early October.
- Gas well installation will begin in late August; work will last two to three weeks.
- Horizontal gas collection near disposal area will begin in late August and continue through construction season.

Expanded landfill gas management team



Community Patrol and Bird Control Team



Bird Control activities

- Our contract for USDA support of bird control activities will continue through the duration of Tullytown Landfill's operating life.
- Our crew will continue to wash municipal dock as needed.
- Bird squawker remains in operation at boat launch area.



Alternative revegetation plan

Changing the appearance of our slopes











Black locusts planted through direct seeding



Black locusts planted through direct seeding



Succession growth (volunteer) trees



Questions?



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